

REMARKS

In the Office Action, dated September 3, 2003, the Examiner states that Claims 1-6 are pending, Claims 1, 2, 4 and 5 are rejected and Claims 3 and 6 are objected to. By the present Amendment, Applicant amends the claims.

In the Office Action, Claims 1, 2, 4 and 5 are rejected as anticipated by US 6,414,733 (Ishikawa et al.). Claims 3 and 6 are indicated as containing allowable subject matter. The Applicant has amended the claims and considers that the amended claims overcome the rejections.

In amended Claim 1, the photoabsorption region of the photoinitiator used to cure each resist material absorbs wavelengths shorter than the wavelength of each color (R, G and B), and at least one of the photoinitiators used in the red resist material or in the green resist material absorbs wavelengths longer than the wavelength absorbed by the photoinitiator used in the blue resist material.

In the present invention, by setting the photoabsorption region of the photoinitiator used to cure each resist material on the side of wavelengths shorter than the wavelength of each color (R, G and B), the light transmittance of the resist after the formation is not decreased, whereby the luminance and tint of, for example, a liquid crystal display can be exhibited to the maximum. In this case, since the blue light having the shortest wavelength among three primary color lights is affected the greatest by the photoinitiator, it is preferable that the photoinitiator used in the blue resist material have a photoabsorption region which absorbs wavelengths shorter than 400 nm. However, when the photoinitiator used in the resist material of all colors are the same as the photoinitiator used in the blue resist material having a short photoabsorption region, the cost of the resist material for each color is high. Therefore, by setting a photoabsorption region of the photoinitiator contained in at least the blue resist material to absorb wavelengths shorter than 400 nm, and using a photoinitiator for the resist material of other colors, which absorb wavelengths

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longer than those absorbed in the blue resist material, the original object of the present invention can be achieved at a cost savings.

In contrast, the cited reference US 6,414,733 contains no description about using different types of photoinitiators for the resist material of each color. Therefore, amended Claim 1, and the claims dependent thereon, are not anticipated by US 6,414,733.

In light of the foregoing response, all the outstanding objections and rejections have been overcome. Applicant respectfully submits that this application should now be in better condition for allowance and respectfully requests favorable consideration.

Respectfully submitted,

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